

APPARATUS FOR REMOVING SULFUR-CONTAINING
COMPONENT IN FUEL

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ABSTRACT OF DISCLOSURE

10 There is provided a desulphurization apparatus to be mounted in automobiles, which is arranged between a fuel tank and an injector of an engine, the apparatus comprising a combination of a sulfur-containing compound adsorbent for adsorbing and concentrating the sulfur-containing compound and a sulfur-containing compound
15 oxidizing agent or oxidation catalyst for oxidizing the adsorbed sulfur-containing compound, the apparatus further comprising a means for recovering and removing the resulting sulfur-containing oxide. According to this apparatus, the quantity of the particulate matter in an exhaust gas is reduced by half and the durability of the catalyst for removing a nitrogen oxide is improved by a factor of about two.

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